

# Rampart Control Panel

DS-Rampart Rev A1



**Designed for high security and vehicle barrier operations.**

The Rampart System delivers advanced AES encrypted protection for both new and existing high security vehicle barrier installations. Rampart's CeLAN bus provides secure 128-bit AES encrypted communication between all CeLAN devices connected to the system.

Utilizing the CeLAN VBS (Vehicle Barrier System) Module, the system is capable of controlling and monitoring vehicle barrier systems, gate arms, traffic lights and rolling gates. Rampart supports up to 32GB of Micro SD memory that stores up to 233 million events.

## Features

- Eight general purpose inputs for security device monitoring
  - Supports up to 20 VBS barrier controllers
  - Pre-defined input configurations
  - Up to 252 definable user codes for system user login/logout option
  - 12VDC 5 Amp auxiliary power output
  - Dual CeLAN ports, supports up to 100 devices
  - 6000 event buffer with time and date stamp
  - Field upgradeable software
  - Modular design for easy expansion

- CeLAN expansion – Copper, Fiber Optics or TCP/IP
  - 5.7” keypad for high security vehicle barrier operation
  - All modules have built in tamper inputs for enclosure protection
  - High efficiency power supply for CeLAN devices or auxiliary 12VDC devices
  - 12 or 24 hour clock display
  - User and installer help menus
  - Auto daylights savings option
  - Dual RS485 data communication port
  - Communication network via RS485, fiber or TCP/IP
  - Each input capable of reporting the following:
    - Open circuit
    - Short circuit
    - Ground fault high
    - Ground fault low
  - Print all system VBS events or selectable via programming
  - Real time battery voltage and current readings
  - Supports up to 3 back-up batteries (54 Ahr) supervised and charged separately
  - Remote power supply option fully supervised AES Encrypted 5A @ 12VDC



# Rampart

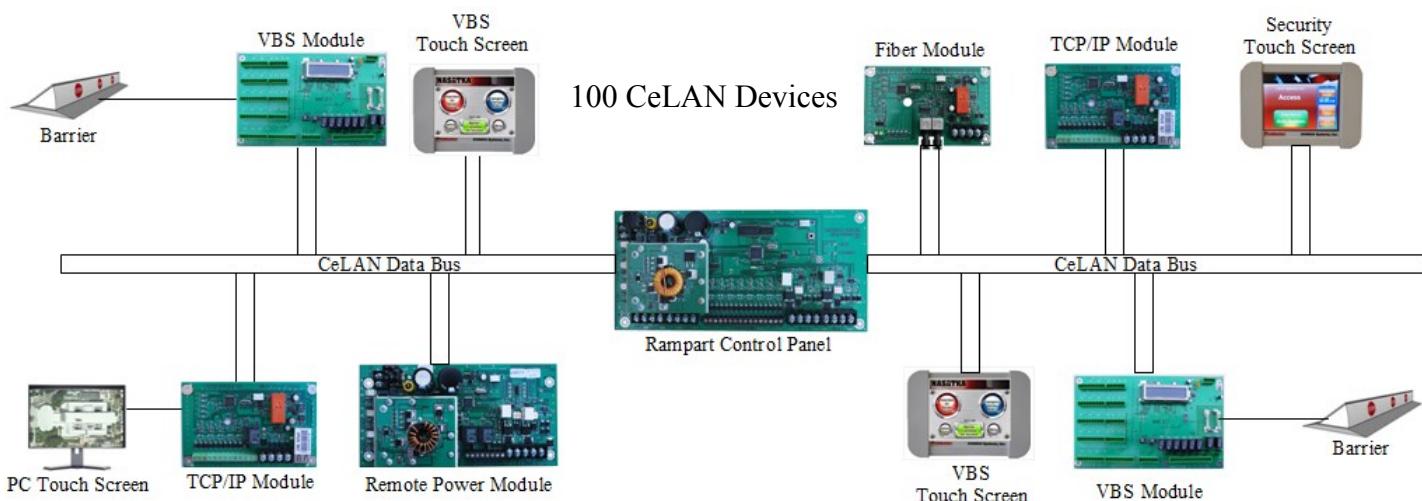
## Specifications

**Power Requirements:** 24 VAC nominal (16.0 VAC minimum, 35 VAC maximum), Rated output current is only available at 24 VAC or above. Limited output current is available at 16.0 VAC minimum. Operating below 24 VAC Nominal is intended for short term emergency operation only.

**Output Power:** 10-14 VDC @ 5A Max, 2.5A Standby

**Maximum battery charging (standby):** 1.5 A

**CINCH Stick Port:** One (1) - 128 Bit AES Encrypted, CINCH Stick port.



### Ordering:

#### Control Panel

RCU-VBS

#### Touch Screen

Ce-TS -VBS-N Touch Screen  
Ce-TS-P-VBS Plastic Touch Screen

#### Expansion Modules

Ce-VBS Vehicle Barrier Module

#### Communication Modules

Ce-FC-N Fiber Conversion  
Ce-TCP/IP Network Module  
Ce-FC-ER Fiber Conversion

#### Enclosures

E-R Panel Enclosure  
E-R-Kit

#### Manual Button Controllers

Ce-MBC Manual Barrier Control  
Ce-MGC Manual Gate Control  
Ce-RCP Remote Control Panel  
Ce-MMS Multi Mode Switch

#### CeLAN Accessories

CO-CSU Cinch Stick  
CO-PS2KI Keyboard Module  
Ce-EX Expansion Module

#### Power

ACC-T24V-100 Transformer  
ACC-B12-18 18Ahr Battery  
ACC-B12-7 7Ahr Battery  
ACC-6P Power Cord  
E-CB Termination Box

#### Accessories

ACC-CFC-S Fiber Cable  
L-S Standard Panel Lock  
ACC-CFC-MM Fiber Cable  
S-ET Panel Tamper

For more information: [www.cinchsystems.com](http://www.cinchsystems.com)

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**CINCH**  
AES ENCRYPTED